

ABSTRACT

The present invention refers to the process of optimization of the design and production of the inner rolling platform and of the rigid container, based on providing a selection of geometric parameters of both constructive conformations that jointly they must transfer you, so that, act the internal mechanism correctly for inclination of the insert container and extraction of the internal rolling platform in the mentioned rigid container.

The inner rolling platform when using the internal mechanism of inclination of the container whose essential interest resides in that it allows him to be located and extracted in the rigid container comprising a positioning receptacle, of plane-concave section, without being necessary to lift it of the floor, coarse with inclining it lightly, so that when the rigid container this vertical one, is sustained alone for their concave inferior base inside the central hole of the circular crown of the inner rolling platform, allowing a firm, stable and sure combined rolling.

This characteristic is fundamental, because starting from a design optimized group of the holder of location of the rigid container and of the inner rolling platform, they can be configured and manufactured in a simple and reliable way, guaranteeing the indeformabilidad of both and a sure use, allowing a reduction of producing costs and also, of use when making that the installation and extraction of the internal rolling platform, be an activity without almost effort, minimizing the bony and muscular tensions of the extremities and lumbar area of the back.